CLAIMS:

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1. A protective coat-forming coating composition primarily comprising a disilane compound having the formula (A):

$$X_{m}R_{3-m}^{1}Si-Y-SiR_{3-m}^{1}X_{m}$$
 (A)

wherein R¹ is a monovalent hydrocarbon group of 1 to 6 carbon atoms, Y is a divalent organo group containing at least one fluorine atom, X is a hydrolyzable group, and m is 1, 2 or 3, or a (partial) hydrolyzate thereof.

- 2. The protective coat-forming coating composition of claim 1 primarily comprising a mixture of
 - (i) a disilane compound having the formula (A):

$$X_{m}R_{3-m}^{1}Si-Y-SiR_{3-m}^{1}X_{m}$$
 (A)

- wherein R¹ is a monovalent hydrocarbon group of 1 to 6 carbon atoms, Y is a divalent organo group containing at least one fluorine atom, X is a hydrolyzable group, and m is 1, 2 or 3, or a (partial) hydrolyzate thereof and optionally,
- (ii) a fluorinated organo group-containing
 organosilicon compound having the formula (B):

$$Rf-SiX_3$$
 (B)

wherein Rf is a monovalent organo group containing at least one fluorine atom and X is a hydrolyzable group or a (partial) hydrolyzate thereof, wherein the content of component (i) is 60% by weight to 100% by weight of the mixture.

35 3. A protective coat-forming coating composition primarily comprising a co-hydrolyzate of a mixture of (i) a disilane compound having the formula (A):

$$X_{m}R_{3-m}^{1}Si-Y-SiR_{3-m}^{1}X_{m}$$
 (A)

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wherein R^1 is a monovalent hydrocarbon group of 1 to 6 carbon atoms, Y is a divalent organo group containing at least one fluorine atom, X is a hydrolyzable group, and m is 1, 2 or 3, or a (partial) hydrolyzate thereof and

(ii) a fluorinated organo group-containing organosilicon compound having the formula (B):

$$Rf-SiX_3$$
 (B)

- wherein Rf is a monovalent organo group containing at least one fluorine atom and X is a hydrolyzable group or a (partial) hydrolyzate thereof, wherein the content of component (i) is 60% by weight to less than 100% by weight of the mixture.
 - 4. The coating composition of claim 1 wherein Y in formula (A) is
 - -CH₂CH₂(CF₂)_nCH₂CH₂-
- wherein n is 2 to 20.

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- 5. The coating composition of claim 1, further comprising 50 to 99% by weight based on the coating composition of a solvent.
 - 6. The coating composition of claim 1, wherein the disilane compound of formula (A) is
- 30 $(R^2O)_3Si-CH_2CH_2(CF_2)_4CH_2CH_2-Si(OR^2)_3$ or $(R^2O)_3Si-CH_2CH_2(CF_2)_6CH_2CH_2-Si(OR^2)_3$

wherein R^2 is a monovalent hydrocarbon group of 1 to 6 carbon atoms.

7. The coating composition of claim 1, which cures into a coat having a refractive index of up to 1.410.

8. A coated article comprising a transparent substrate and a cured coat formed thereon from the protective coat-forming coating composition of claim 1, serving as a chemical resistant film.

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9. A coated article comprising a transparent substrate and a cured coat formed thereon from the protective coat-forming coating composition of claim 1, serving as an antireflection film.

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- 10. A coated article comprising
 - a transparent substrate,
- a layer formed thereon having a higher refractive index than the substrate, and
- a cured coat formed on the high refractive index layer from the protective coat-forming coating composition of claim 1, serving as an antireflection film.
- 11. The coated article of claim 10, further comprising a
 20 mar resistant protective layer between the substrate and the
 high refractive index layer.
 - 12. The coated article of claim 10 wherein the high refractive index layer comprises a metal oxide sol.

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- 13. The coated article of claim 12 wherein the metal oxide sol contains at least one element selected from among Ti, Sn, Ce, Al, Zr and In.
- 30 14. The coated article of claim 10 wherein a coating composition from which the high refractive index layer is formed is thermosetting or photo-curing.
- 15. The coated article of claim 11 wherein a coating
 composition from which the protective layer is formed is
 thermosetting or photo-curing.

- 16. The coated article of claim 8 wherein said transparent substrate comprises an organic resin and/or an inorganic material such as glass or ceramics.
- 17. The coated article of claim 8 wherein said transparent substrate comprises a polycarbonate resin, polyalkylene terephthalate resin, cellulose triacetate resin, polystyrene resin or polyolefin resin.
- 10 18. A multilayer laminate comprising the coated article of claim 8, a tackifier or adhesive layer lying on the transparent substrate side of the coated article, and a release layer lying thereon.
- 19. The multilayer laminate of claim 18 wherein said transparent substrate is a film.